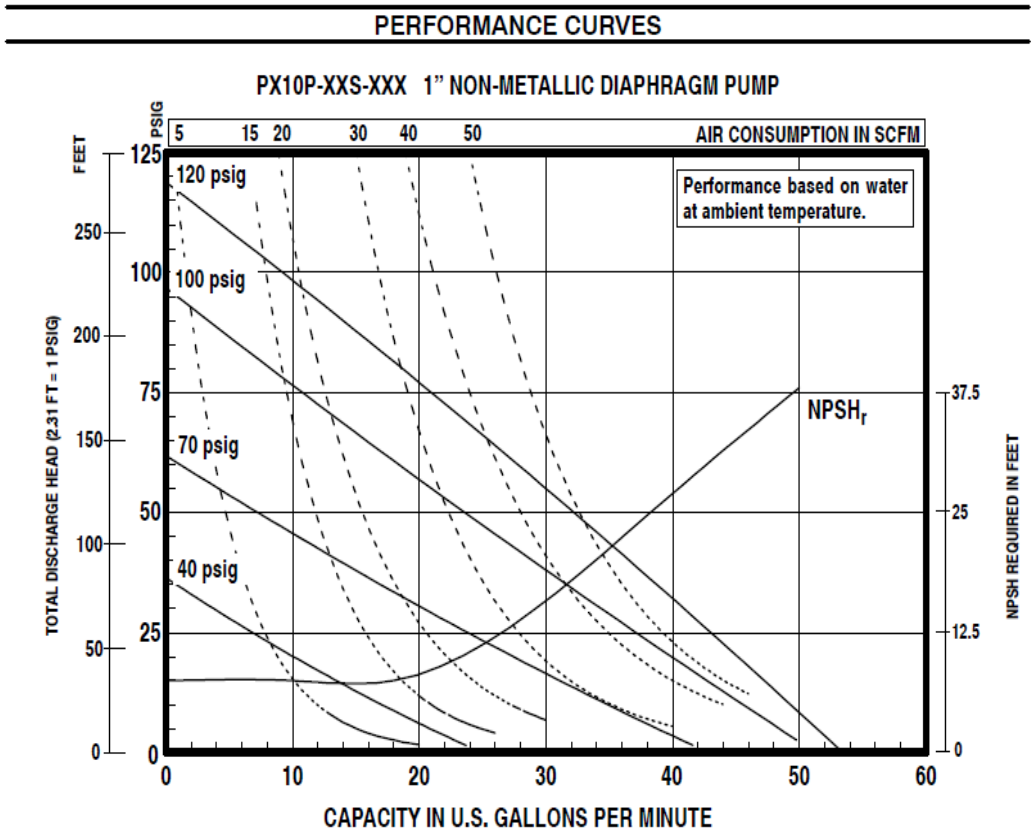
ARO®

AODD Flow Curve

Event
Date

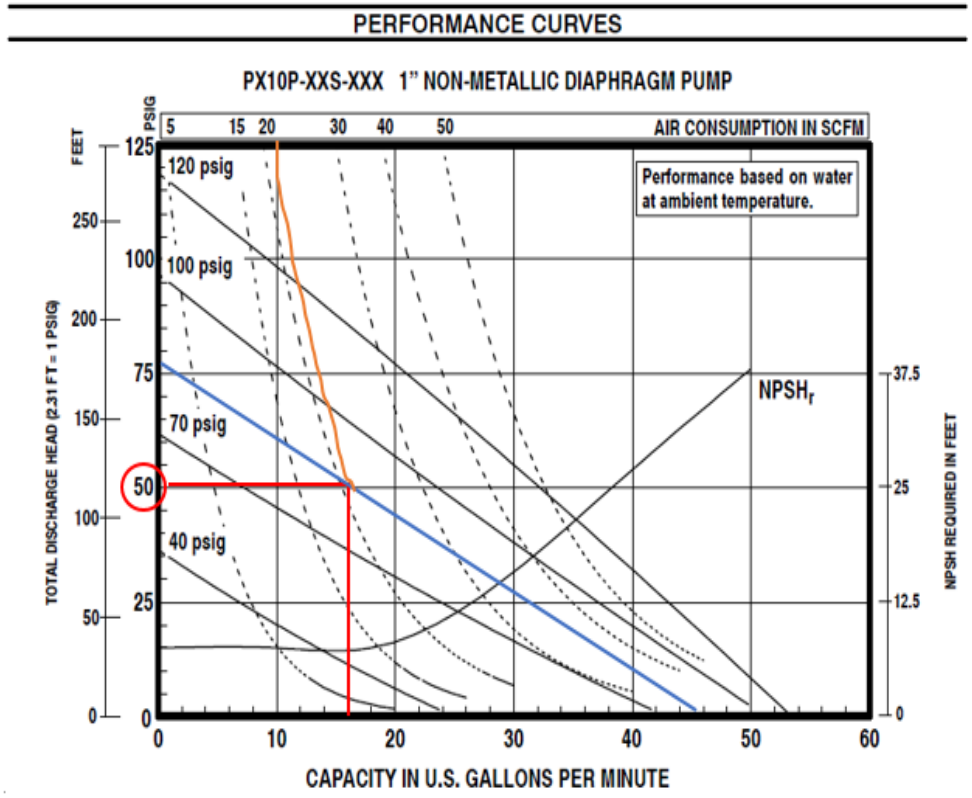
Ingersoll Rand®

Reading Performance Curves



- Use curves to determine if a pump can meet the application requirements
- The X-Axis indicates flow
- The Y-Axis indicates total discharge head

Determine Fluid Flow



- Example Calculation: Total Discharge Head (TDH) = 50 psi (about 115') Flow = 16 gpm
- Start at 50 psi on Y-Axis, go over to the right until it meets 16 gpm. Plot down to the X-Axis (flow)
- Where TDH and flow intersect, follow the required air inlet solid line to the left, following the same angle (blue line).
- Where TDH and flow intersect, follow the required scfm dotted line up and slightly to the left at the same angle (orange line).
- In this example, to operate the pump it will require 80 psi of air inlet pressure and 21 scfm.

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Fluid Intelligence